

## EPR/CTS/PVC Power, Type MV-105, 15kV (133%)

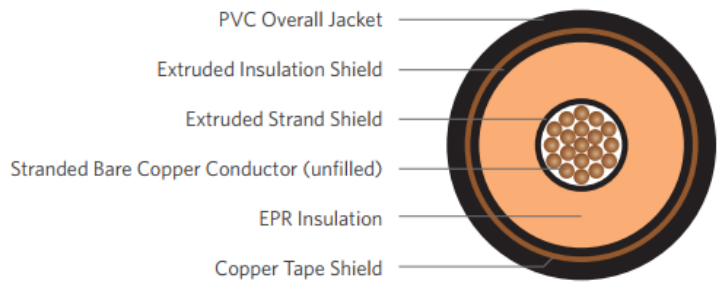
Part Number: E8JLE-4A1B01CA00

### DESCRIPTION

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consist of full annealed bare copper Class B stranded conductors, covered with ethylene rubber (EPR), copper tape shield, and black PVC jacket. These cables are used in industrial power circuits.

### APPLICATION

- In conduit, duct, free air, and raceways, primary installations include cable trays, and outdoor locations
- Approved for Class I, Div. 2 industrial hazardous locations per NEC
- Designed to operate continuously at a conductor temperature not exceeding
  - » 105°C for normal operations
  - » 140°C for emergency overload
  - » 250°C for short circuit



### SPECIFICATIONS

<b>Conductor</b>	Bare Copper, Class B compressed strand	<b>Packaging</b>	Non-returnable reels
<b>Insulation</b>	EPR		ASTM B8 UL 1072
<b>Shield</b>	Copper tape shield with 25% Overlap	<b>Performance Compliance</b>	ICEA S-93-639 ICEA S-97-682 AEIC CS8 UL 1685 Flame Test NEC
<b>Jacket</b>	PVC	<b>Other Compliances</b>	EPA 40 CFR, Part 261 OSHA

### 1C 4/0AWG Cu 15kV 133% 220mils EPR Cu Tape Shield PVC, MV105

#### PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Cond Size Gauge	Cond Diameter (in.)	Insulation Diameter (in.)	Jacket Thickness (in.)	Overall Diameter (in.)	Net Weight lbs./MFT
E8JLE-4A1B01CA00	4/0AWG – 19 wires	0.507	1.022	0.080	1.301	1,348

The dimensions and weights shown are nominal and subject to industry standards and manufacturing tolerances. Other designs available upon request.